

Agenda

2:30 p.m. – Refreshments

2:45 p.m. -- Introduction -- Murray Gibson

3:00 p.m. -- Operations Issues -- Bill Ruzicka,
Roger Klaffky, Pat Fernandez,
Yeldez Amer

3:30 p.m. -- Radiopharmaceutical Studies at
MR-CAT -- Jeff Terry

3:45 p.m. -- Adjourn

Subjects for Introduction

- Budget update
- Internal beamline instrumentation competition
- COMCAT status
- Other announcements

Budget Update

- House and Senate conference report awaits Senate approval
- Number is the better of house/senate:
 - Facilities – President’s budget level pegs APS at \$94.5M, an increase of \$3.2M
 - “Facilities Increase” - \$8M included, but language changed slightly to “nano”-related facilities and activities
- Strong language re need for a facilities initiative in FY’05 (directed at administration/OMB)

APS Budget Planning

- Improving our “project assessment” process
- Budget meetings will be held in early December
- Decisions on discretionary projects, equipment, accelerator improvements and priorities made then (sometimes additional technical input solicited)

Beamline Instrumentation at XOR

- Held a competition – received 17 proposals
 - Proposals must benefit users/ lead is XOR beamline scientist
- Gabrielle Long, Dennis Mills, Efim Gluskin and I reviewed
- Positive Results (~\$500K total):
 - Developing grazing incident small-angle X-ray scattering instrumentation for *in situ* and time resolved study of kinematics of nanoparticles and nanocomposites. (*J. Wang.*)
 - Increasing user access by beam sharing in Sector 2. *I. McNulty and B. Lai.*
 - Enhancement of the high-resolution inelastic X-ray scattering (IXS) program. (*T. Tollner.*)
 - Development of instrumentation for high-energy phase retarding optics on beamline 4-ID-D. (*J. Lang.*)
 - Tunable laser for femtochemistry at 7-ID-D. (*E. C. Landahl.*)
 - Double-bounce monochromator at 8-ID-I: A beamline instrumentation proposal. (*S. Narayanan.*)
- Ongoing process
 - some recommended for detector or instrument pool
 - some of larger scope
 - substantial new equipment funds this year

COMCAT Status

- Last RFP issued in summer did not generate a qualified contractor
- Will try again – issue RFP in December?
 - Bidding conference January?
 - End date March/April?
- Meantime, Peter Lee (XFD) in charge
 - IMCA operations while BM upgraded
 - LS CAT initial operations
 - Powder Diffraction

Other Announcements

- Joint search with Northwestern University for a Director of Synchrotron Research Center
- Ad to be placed soon (joint selection committee)
- 50% faculty, 50% APS/ANL
- Bring an outstanding leader in synchrotron science to benefit both institutions



- Daniel Hausermann (HPCAT),
nominated by Greg Banks (AOD)

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the Advanced Photon Source:
To explore new materials,
to seek out new structures,
to boldly go where
no light source has gone before...***